

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Name of product Spetec AG 200 Retarder

1.2. Relevant identified uses of the substance or mixture and uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor Resiplast NV
Gulkenrodestraat 3, 2160 Wommelgem Belgium
Phone: +32 3 320 02 11
Fax +32 3 322 63 80
info@resiplast.be

Advice Engineering & Development
peter@resiplast.be

Emergency telephone number

Emergency advice

Phone: +32 3 320 02 11
This number is only available at office times.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC

no

Additional hints

The preparation is not classified as hazardous according to Directive 1999/45/EC.

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Additional hints

This mixture is not classified as hazardous according to Regulation (EC) 1272/2008 [GHS].

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

No information available.

2.3. Other hazards

No information available.

SECTION 3: Composition/ information on ingredients

Description

aqueous retarder

Additional advice

no

SECTION 4: First aid measures

4.1. Description of first aid measures**General information**

Remove contaminated soaked clothing immediately.
In the event of persistent symptoms receive medical treatment.

In case of inhalation

Ensure of fresh air.
In the event of symptoms refer for medical treatment.

In case of skin contact

In case of contact with skin wash off with soap and water.
Consult a doctor if skin irritation persists.

In case of eye contact

In case of contact with eyes rinsing with plenty of lukewarm water carefully and seek for medical treatment.

In case of ingestion

Do not induce vomiting.
Call for a doctor immediately.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed**Treatment (Advice to doctor)**

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media**Suitable extinguishing media**

Foam
Dry powder
Carbon dioxide
Water spray jet

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

No information available.

5.3. Advice for firefighters**Special protective equipment for fire-fighters**

Use breathing apparatus with independent air supply.

Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.
Use personal protective clothing.
Keep away sources of ignition.
Use breathing apparatus if exposed to vapours/dust/aerosol.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).
After taking up the material dispose according to regulation.

Additional Information

Informations for disposal see chapter 13.

6.4. Reference to other sections

No information available.

SECTION 7: Handling and storage

7.1. Precautions for safe handling**Advice on safe handling**

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

General protective measures

Do not inhale vapours.
Avoid contact with eyes and skin

Hygiene measures

At work do not eat, drink and smoke.
Remove soaked clothing immediately.
Keep separated from food and feed.
Wash hands before breaks and after work.

Advice on protection against fire and explosion

No special measures necessary.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Prevent penetration into the ground.

Advice on storage compatibility

no

Further information on storage conditions

Keep barrel tightly closed.
Protect from heat and direct solar radiation.
Keep container in a well-ventilated place
Storage temperature between 10°C to 30°C (=50°F to 86°F).

7.3. Specific end use(s)
 No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
 No information available.

8.2. Exposure controls
Respiratory protection
 If ventilation insufficient, wear respiratory protection.
 Filter A or environment-independent breathing apparatus

Hand protection
 Synthetic rubber gloves

Eye protection
 tightly fitting goggles

Skin protection
 protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Colour	Odour
liquid	yellowish	almost odourless

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state	not determined	20 °C			
Acid number	not determined				
boiling range	ca. 100 °C				
melting range	not determined				
Flash point	not determined				
Flammable solid	not applicable				
Flammability (gas)	not applicable				
Ignition temperature	not applicable				
Autoignition	not applicable				
Lower explosion limit	not applicable				
Upper explosion limit	not applicable				

	Value	Temperature	at	Method	Remark
Vapour pressure	not determined	20 °C			
Relative density	ca. 1 g/cm ³	20 °C			
Bulk density	not applicable				
Vapour density	not determined				
Solubility in water					soluble
Solubility/other	not determined				
Partition coefficient (log p_{OW})	not determined				
Viscosity dynamic	ca. 1 mPa*s	20 °C		Brookfield-Visk.	
Solvent separation test	not determined				
Solvent concentration	no				
Water content	> 90 %				
Solids content	not determined				
Combustion value	not applicable				

Oxidising properties

no

Explosive properties

no

9.2. Other information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

None, if handled according to order.

10.5. Incompatible materials

Materials to avoid

Reactions with peroxides and other radical components.

10.6. Hazardous decomposition products

No dangerous composition products during appropriate storage and handling.

Thermal decomposition

Remark No decomposition if used as directed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	not determined			
LD50 acute dermal	not determined			
LC50 acute inhalation	not determined			
Irritability skin	non-irritant			
Irritability eye	non-irritant			
Skin sensitization	non-sensitizing			
Sensitization respiratory system	non-sensitizing			

Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
Subacute Toxicity	not determined			
Subchronic Toxicity	not determined			
Chronic Toxicity	not determined			
Mutagenicity	not determined			
Reproduction-Toxicity	not determined			
Carcinogenicity	not determined			

Experiences made from practice

Allergic reactions possible (analogy-reasons).
 Frequent persistent contact with the skin may cause skin irritation.

Additional information

No toxicological data available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

	Value	Species	Method	Validation
Fish	not determined			
Daphnia	not determined			
Algae	not determined			
Bacteria	not determined			

12.2. Persistence and degradability

Physico-chemical degradability not determined

Biological degradability readily degradable

Degradability not determined

Biological eliminability not determined

Degradability according to WRMG not determined

12.3. Bioaccumulative potential

No specific test data available. No indications of critical characteristics.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

Behaviour in sewage plant

not determined

Respiration inhibition of activated sludge

	Value	Method	Remark
EC 50	not determined		

Additional ecological information

	Value	Method	Remark
OC	not determined		
COD	not determined		
BOD	not determined		
AOX	not applicable		

Contains following heavy metals and compounds of the 76/464/EWG

no

General regulation

Ecological dates are not available.

Do not allow uncontrolled leakage of product into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste code No.

07 02 08*

Name of waste

other still bottoms and reaction residues

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

Recommendations for the product

In accordance with regulations for special waste, must be taken to a special waste disposal.

Recommendations for packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

SECTION 14: Transport information

Land and inland navigation transport ADR/RID

No dangerous goods as defined by these transport regulations.

Marine transport IMDG

No dangerous goods as defined by these transport regulations.

Air transport ICAO/IATA-DGR

No dangerous goods as defined by these transport regulations.

Transport/further information

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

Special precautions for user

No information available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture National regulations

Water hazard class	1	self-classification
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No information available.

15.2. Chemical Safety Assessment

No information available.

SECTION 16: Other information

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.